AMENDMENTS TO THE TITLE

Please amend the title of invention as follows:

UNIT-TO-UNIT ~~INTER-DEVICE~~ DATA EXCHANGE SYSTEM, AND UNIT, ~~DEVICE USED FOR IT,~~ EXCHANGE COMPLETION DATA KEEPING ~~MANAGEMENT~~ DEVICE, AND PROGRAM FOR USE IN THE SAME

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph on page 7, line 18, to line 23, as follows:

For example, the first conversion process data is a first encryption key; the first exchange completion data is a first decryption key corresponding to the first encryption key; the second conversion ~~exchange~~ process data is a second encryption key; and the second exchange completion data is a second decryption key corresponding to the second encryption key.

Please amend the paragraph on page 18, line 18, to line 19, as follows:

FIG. 12 is a diagram illustrating an exemplary data structure of public ~~list~~ data list.

Please amend the paragraph on page 29, line 5, to line 15, as follows:

The exchange completion data production section 1112 produces conversion process data that is necessary for the conversion from the unconverted data to the converted data, and exchange completion data that is necessary for restoring the unconverted data from the converted data, and sends these data to the unconverted data converting section 1111. Where an encryption method is used as the data conversion method at the unconverted data converting section 1111, the conversion ~~exchange~~ process data is an encryption key for encrypting data. Then, the exchange completion data is decryption key data for decrypting the encrypted data.

Please amend the paragraph on page 29, line 16, to page 30, line 6, as follows:

Where another method of removing a portion of data is used as the data conversion method, the conversion ~~exchange~~ process data is data that specifies the portion to be taken out. Then, the exchange completion data is the taken-out portion of the data. Note that where a method of removing a portion of data is used as the data conversion method, the flow of the process performed

between the exchange completion data production section 1112 and the unconverted data converting section 1111 is reversed from that shown in FIG. 6. In the following description, it is assumed for the sake of simplicity that an encryption method is used as the data conversion method unless otherwise specified. Even if other data conversion methods are used, the feature that the exchange completion data is produced and that the converted data can be reproduced successfully only by using the exchange completion data will not change substantially, and minor changes to the process flow can be made easily.

Please amend the paragraph on page 37, line 5, to line 11, as follows:

FIG. 12 is a diagram illustrating an exemplary data structure of public ~~list~~ data_list. Referring to FIG. 12, for example, section D1201 includes the registering unit ID "CLIENT_ID-1111" and the public data ID "PUBLIC_DATA_ID-1111" associated with each other, and section D1202 includes the registering unit ID "CLIENT_ID-2222" and the public data ID "PUBLIC_DATA_ID-2222" associated with each other.

Please amend the paragraph on page 57, line 5, to line 13, as follows:

Receiving the INITIATE_EXCHANGE message from the unit 11a, the data transmission/reception section 116 of the unit 11b transmits the message to the message handling section 112 (step S2101). Receiving the INITIATE_EXCHANGE message, the message handling section 112 checks what are being exchanged, and transmits an ACK message to the data transmission/reception section 116 (step S2102). Receiving the ACK message, the data transmission/reception section 116 transmits the message to the unit 11a (~~step S~~ step S2103).

Please amend the paragraph on page 58, line 12, to page 59, line 9, as follows:

Receiving the request to determine whether or not to transmit the exchange completion data, the exchange completion data transmission determination section 211 references the determination table associated with the determination table ID included in the request to determine whether or not the OK information is registered in both of the completion notification flags of the unit IDs of the unit 11a and the unit 11b (step S2203a). If the OK information is registered for both units, the exchange completion data transmission determination section 211 transmits the unit IDs and the associated exchange completion data ID to the message handling section 212 and requests the message handling section 212 to transmit the exchange completion data associated with the unit ID of the unit 11b to the unit 11a and to transmit the exchange completion data associated with the unit ID of the unit 11a to the unit 11b (step S2203b). If the NG information is registered for either unit in the determination table, the exchange completion data transmission determination section 211 transmits, to the message handling section 212, information indicating that the exchange completion data cannot be transmitted, and the message handling section 212 in response transmits, to the unit 11a and the unit 11b, an ACK message that indicates that the exchange completion data cannot be obtained (steps S2203c and S2203d).

Please amend the paragraph on page 69, line 4, to page 69, line 13, as follows:

In an embodiment where the exchange completion data is produced by the exchange completion data keeping device 21, when the unit 11b resends the exchanged data in response to a resend request from the unit 11a ~~11b~~, the unit 11b may again obtain the conversion process data and the exchange completion data from the exchange completion data keeping device 21 to produce the converted data. In such a case, the unit 11b can send the converted data starting from the beginning

thereof. Then, the unit 11a, receiving the converted data starting from the beginning thereof, can discard the already received data.

Please amend the paragraph on page 70, line 19, to page 71, line 23, as follows:

Then, referring to the exchange history, the unit 11a determines the method of producing the exchange completion data (step S3003). There are various methods of producing the exchange completion data. For example, possible methods include: if the number of exchanges is 5 or more and the success percentage is 95%, the unit 11a may transmit the requested data as it is to the unit 11b without subjecting it to a data conversion operation such as an encryption operation; if the number of exchanges is 5 or more and the success percentage ~~number of successful exchanges~~ is equal to or greater than 80% and less than 95%, the requested data may be encrypted with a 128-bit encryption key, while a decryption key corresponding to the encryption key is used as the exchange completion data; if the number of exchanges is 5 or more and the success percentage ~~number of successful exchanges~~ is less than 80%, the requested data may be encrypted with a 1024-bit encryption key, while a decryption key corresponding to the encryption key is used as the exchange completion data; and if the number of exchanges is less than 5, the requested data may be encrypted with a 512-bit encryption key, while a decryption key corresponding to the encryption key is used as the exchange completion data. Thus, by using a shorter encryption key for a higher success percentage, the operation required for the decryption process is reduced for a unit of a trusted party. For example, in the example illustrated in FIG. 29, the requested data will not be encrypted for the unit having the unit ID "C0001". The requested data will be encrypted with a 512-bit encryption key for the unit having the unit ID "C0002". The requested data will be encrypted with a 1024-bit encryption key for the unit having the unit ID "C0003". Note that the method for producing the

exchange completion data is not limited to those described above.

Please amend the paragraph on page 73, line 12, to line 22, as follows:

Then, the unit 11a notifies the exchange completion data keeping device 21 of information indicating the selected method for the exchange process (step S3104). In response to the notification, the exchange completion data keeping device 21 produces the conversion ~~exchange~~ process data used in the specified method for the conversion process (e.g., an encryption key), and further produces the exchange completion data corresponding to the conversion ~~exchange~~ process data (e.g., a decryption key). Then, the exchange completion data keeping device 21 stores the produced exchange completion data, and transmits the exchange completion data to the unit 11a.

Please amend the paragraph on page 73, line 23, to page 74, line 1, as follows:

In response to this, the unit 11a receives the conversion ~~exchange~~ process data (step S3105), produces the converted data using the conversion ~~exchange~~ process data (step S3106), and initiates the data exchange with the unit 11b.